WHAT IS CLAIMED IS:

1. 1. A computer implemented method for establishing a Virtual Private
2. Network (VPN) communication tunnel between a client computer and a
3. server-side system, comprising:
4.   receiving a request to establish a VPN session with a server-
5.   side system from at least one client computer out of a plurality of client
6.   computers coupled to a modem within a client-side system, where said
7.   request contains login details for a user of said at least one client
8.   computer;
9.   determining a network address of said at least one client
10.   computer;
11.   authenticating said user based on said user login details; and
12.   establishing a VPN tunnel between said at least one client
13.   computer having said network address and said server-side system,
14.   where said VPN tunnel is established over said modem.

1. 2. The computer implemented method of claim 1, wherein said receiving
2. further comprises obtaining security details from said client.

1. 3. The computer implemented method of claim 1, wherein said
2. determining further comprises reading a connection log to extract the network
3. address of said at least one client computer.

1. 4. The computer implemented method of claim 1, further comprising the
2. step, after said determining step, of storing said network address.

1. 5. The computer implemented method of claim 1, wherein said
2. authenticating further comprises the steps of:
3.   transmitting said login details to an authentication server for
4.   authentication; and
5.   accepting an authentication response from said server.

1 6. The computer implemented method of claim 5, wherein said
2 transmitting further comprises sending said login details to a Radius server.

1 7. The computer implemented method of claim 1, wherein said
2 authenticating step further comprises the steps of:
3   transmitting said login details to an authentication server for
4 authentication;
5   accepting a challenge from said server; and
6   re-transmitting said login details to said authentication server for
7 authentication.

1 8. The computer implemented method of claim 1, wherein said
2 determining further comprises ascertaining an Internet Protocol (IP) address
3 of said client.

1 9. The computer implemented method of claim 1, wherein said
2 determining further comprises ascertaining a Media Access Control (MAC)
3 address of said client.

1 10. The computer implemented method of claim 1, further comprising:
2   receiving a new request to establish a new VPN session with a
3 different server-side system from a different client computer out of said
4 plurality of client computers coupled to said modem within said client-
5 side system, where said request contains new login details for a new
6 user of said different client computer;
7   determining a new network address of said different client
8 computer;
9   authenticating said new user based on said new user login
10 details; and

11   establishing a new VPN tunnel between said different client
12   computer having said new network address and said new server-side
13   system, where said VPN tunnel is established over said modem.

1   11.   The computer implemented method of claim 1, further comprising:
2   receiving a new request to establish a new VPN session with
3   said server-side system from a different client computer out of said
4   plurality of client computers coupled to said modem within said client-
5   side system, where said request contains new login details for a new
6   user of said different client computer;
7   determining a new network address of said different client
8   computer;
9   authenticating said new user based on said new user login
10   details; and
11   establishing a new VPN tunnel between said different client
12   computer having said new network address and said new server-side
13   system, where said VPN tunnel is established over said modem.

1   12.   The computer implemented method of claim 1, further comprising
2   severing the VPN tunnel after a predetermined time of inactivity.

1   13.   A computer program product for use in conjunction with a computer
2   system for establishing a Virtual Private Network (VPN) communication tunnel
3   between a client computer and a server-side system, the computer program
4   product comprising a computer readable storage and a computer program
5   embedded therein, the computer program comprising:
6   instructions for receiving a request to establish a VPN session
7   with a server-side system from at least one client computer out of a
8   plurality of client computers coupled to a modem within a client-side
9   system, where said request contains login details for a user of said at
10   least one client computer;

11   instructions for determining a network address of said at least
12   one client computer;

13   instructions for authenticating said user based on said user login
14   details; and

15   instructions for establishing a VPN tunnel between said at least
16   one client computer having said network address and said server-side
17   system, where said VPN tunnel is established over said modem.

1   14.   The computer program product of claim 13, wherein said instructions
2 for determining further comprise instructions for reading a connection log to
3 extract the network address of said at least one client computer.

1   15.   The computer program product of claim 13, wherein said computer
2 program further comprises instructions for storing said network address.

1   16.   The computer program product of claim 13, wherein said instructions
2 for authenticating further comprise:

3   instructions for transmitting said login details to an
4   authentication server for authentication; and

5   instructions for accepting an authentication response from said
6   server.

1   17.   The computer program product of claim 13, wherein said instructions
2 for transmitting further comprise instructions for sending said login details to a
3 Radius server.

1   18.   The computer program product of claim 13, wherein said instructions
2 for authenticating further comprise:

3   instructions for transmitting said login details to an
4   authentication server for authentication;

5   instructions for accepting a challenge from said server; and

6   instructions for re-transmitting said login details to said

7   authentication server for authentication.

1 19. The computer program product of claim 13, wherein said instructions

2 for determining further comprise instructions for ascertaining an Internet

3 Protocol (IP) address of said client.

1 20. The computer program product of claim 13, wherein said instructions

2 for determining further comprise instructions for ascertaining a Media Access

3 Control (MAC) address of said client.

1 21. The computer program product of claim 13, wherein said computer

2 program further comprises:

3   instructions for receiving a new request to establish a new VPN

4   session with a different server-side system from a different client

5   computer out of said plurality of client computers coupled to said

6   modem within said client-side system, where said request contains

7   new login details for a new user of said different client computer;

8   instructions for determining a new network address of said

9   different client computer;

10   instructions for authenticating said new user based on said new

11   user login details; and

12   instructions for establishing a new VPN tunnel between said

13   different client computer having said new network address and said

14   new server-side system, where said VPN tunnel is established over

15   said modem.

1 22. The computer program product of claim 13, wherein said computer

2 program further comprises:

3   instructions for receiving a new request to establish a new VPN

4   session with said server-side system from a different client computer

5   out of said plurality of client computers coupled to said modem within

6   said client-side system, where said request contains new login details
7   for a new user of said different client computer;
8   instructions for determining a new network address of said
9   different client computer;
10   instructions for authenticating said new user based on said new
11   user login details; and
12   instructions for establishing a new VPN tunnel between said
13   different client computer having said new network address and said
14   new server-side system, where said VPN tunnel is established over
15   said modem.

1   23.   The computer program product of claim 13, wherein said computer
2   program further comprises instructions for severing the VPN tunnel after a
3   predetermined time of inactivity.